



ENTOMOLOGY



Editor

**Donald P. Wright, Jr., BU243
and José Reis, BU1889**

New Listings

Scott#	Denom	Common Name/Scientific Name	Family/Subfamily	Code
ANDORRA (French)		2019 October 7 (Butterfly) (Single)		
N/A	€1.05	Cardinal, <i>Argynnis pandora</i> Schiffermüller	NYM, Heliconiinae	A
AUSTRALIA		2019 August 1 (Gardening) (Set/5, SS/5, 7ea Blkts)		
4994	\$1	Rainwater Garden: Blue-banded Bee, <i>Amegilla cingulata</i> Fabr.	API, Apinae	C
4994a		Bklt/4 (Sc#4994) (perf 14×14¾)		
4996	\$1	Nest Box: Australian Painted Lady, <i>Vanessa kershawi</i> McCoy	NYM, Nymphalinae	B
4996a		Bklt/4 (Sc#4996) (perf 14×14¾)		
4997	\$1	Pollinators: Western Honeybee, <i>Apis mellifera</i> L. Australian Painted Lady, <i>Vanessa kershawi</i> McCoy	API, Apinae NYM, Nymphalinae	C B
		U/I Native Bees	Hymenoptera	U C
4997a		Bklt/4 (Sc#4997) (perf 14½×14) (50×30mm)		
4998	\$2	Vegetable Garden: U/I Bees Common Spotted Ladybird, <i>Harmonia conformis</i> Boisduval Fungus-eating Ladybird, <i>Ilieis galbula</i> Mulsant	Apidae COC, Epilachninae COC, Coccinellinae	U C C C
4998a		Bklt/2 (Sc#4998) (perf 14½×14) (50×30mm)		
4998b		SS/5 (Sc#4994–98)		
4999	\$1	Rainwater Garden: Blue-banded Bee, <i>Amegilla cingulata</i> Fabr.	API, Apinae	C
5001	\$1	Nest Box: Australian Painted Lady, <i>Vanessa kershawi</i> McCoy	NYM, Nymphalinae	B
5001a		Bklt/20 (6ea Sc#4999, Sc#5001, & 7ea Sc#5000) (die cut 11¼) (s/a) (38×26mm)		
5002	\$1	Pollinators: Western Honeybee, <i>Apis mellifera</i> L. Australian Painted Lady, <i>Vanessa kershawi</i> McCoy	API, Apinae NYM, Nymphalinae	C B
		U/I Native Bees	Hymenoptera	U C
5002a		Bklt/10 (Sc#5002) (die cut 10¾) (s/a) (50×30mm)		
BRAZIL		2019 September 23 (Brazilian Fauna) (Strip/3)		
Brazilian Glowing Beetle Larvae. Brazil issued this stamp showing the luminescent larvae of the click beetle <i>Pyrearinus termitilluminans</i> on a mound of the termite <i>Cornitermes cumulans</i> . This beetle lays its eggs in cavities in the termite mound. Upon emerging from the eggs, the larvae have luminescent abdomens similar to that of fireflies. This glow attracts termites as well as other small insects and the beetle larvae catch and eat those attracted. A search on the internet using the beetle's name will reveal several very interesting videos of studies of the beetle larvae at night.				
N/A	2-por te	<i>Pyrearinus termitilluminans</i> Costa <i>Cornitermes cumulans</i> Kollar (termite mound–no insect)	ELA, Agrypninae TER, Syntermatinae	C B
CARIBBEAN NETHERLANDS (St. Eustatius) 2019 October 4 (Butterflies) (Sheet/20)				
a	150c	Monarch, <i>Danaus plexippus</i> L.	NYM, Danainae	A
b	150c	Acis Hairstreak, <i>Strymon acis</i> Drury	LYC, Theclinae	A
c	150c	Caribbean Duskywing, <i>Ephyriades arcas</i> Drury	HES, Pyrginae	A
d	150c	Miami Blue, <i>Cyclargus thomasi</i> Clench	LYC, Polyommatusinae	A
e	150c	Ruddy Daggerwing, <i>Marpesia petreus</i> Cramer	NYM, Cyrestinae	A
f	150c	Great Southern White, <i>Ascia monuste</i> L.	PIE, Pierinae	A
g	150c	Tropical Checkered White, <i>Pyrgus oileus</i> L.	HES, Pyrginae	A

CARIBBEAN NETHERLANDS (St. Eustatius) (continued)

h	150c	Red Rim, <i>Biblis hyperia</i> Cramer	NYM, Biblidinae	A
i	150c	False Barred White, <i>Eurema elathea</i> Cramer	PIE, Coliadinae	A
j	150c	Long-tailed Skipper, <i>Urbanus proteus</i> L.	HES, Pyrginae	A
k	150c	Gulf Fritillary, <i>Agraulis vanillae</i> L.	NYM, Heliconiinae	A
l	150c	Cassius Blue, <i>Leptotes cassius</i> Cramer	LYC, Theclinae	A
m	150c	Common Buckeye, <i>Junonia coenia</i> Hübner	NYM, Nymphalinae	A
n	150c	Fiery Broken Dash, <i>Wallengrenia otho</i> ssp. <i>ophites</i> Mabille	HES, Hesperiinae	A
o	150c	Cloudless Sulfur, <i>Phoebis sennae</i> L.	PIE, Coliadinae	A
p	150c	Zebra Heliconian, <i>Heliconius charithonia</i> L.	NYM, Heliconiinae	A
q	150c	Hanno Blue, <i>Hemiargus hanno</i> Stoll	LYC, Polyommatinae	A
r	150c	Little Yellow, <i>Eurema lisa</i> Boisduval & LeConte	PIE, Coliadinae	A
s	150c	Painted Lady, <i>Vanessa cardui</i> L.	NYM, Nymphalinae	A
t	150c	Manuel's Skipper, <i>Polygonus savigny</i> Latreille (Cap: <i>manueli</i>)	HES, Pyrginae	A

GREAT BRITAIN**2019 October 10 (The Gruffalo) (SS/4)**

d	(70p)	Stylized blue butterfly (also in Top margin) Stylized insect	Lepidoptera Insecta	S C Z S C
---	-------	---	------------------------	--------------

IRAQ**2019 May 21 (International Flower Festival) (Set/3)**

2060	250d	LL: Monarch, <i>Danaus chrysippus</i> L. UR: Eastern Tiger Swallowtail, <i>Papilio glaucus</i> L.	NYM, Danainae	B
2061	1000d	L: Painted Lady, <i>Vanessa cardui</i> L. LR: Old World Swallowtail, <i>Papilio machaon</i> L.	NYM, Nymphalinae	B
2062	1500d	UL: Monarch, <i>Danaus plexippus</i> L. LR: Red-spotted Purple, <i>Limenitis arthemis</i> ssp. <i>astyanax</i> Fabr. UR: U/I Ladybird Beetle	NYM, Danainae	B
			NYM, Limenitidinae Coccinellidae	B U C

ISRAEL**2018 April 9 (Spring Flowers) (new data)**

Thanks to Patrice Bonafonte for this identification.

2180a	4.10s	Rittner's Bumblebee Scarab, <i>Eulasia rittneri</i> Uliana & Sabatinelli ♀	Glaphyridae	B
2180b	(20s)	SS/4 (Sc#2177a–80a)		

KYRGYZSTAN**2019 October 28 (Beekeeping) (SS/3)**

a	50s	Western Honeybee, <i>Apis mellifera</i> L.	API, Apinae	B
b	100s	Same species	API, Apinae	B
c	150s	Same species	API, Apinae	B
Margin	Top:	Bee hives (no insect)		Z

MARSHALL ISLANDS**2018 September 8 (Lunar New Year Animals) (MS/12)**

Each stamp has stylized images of a swallowtail butterfly in each corner of the design.

1212	10c–\$1.20	Stylized swallowtail butterflies	PAP, Papilioninae	S B
------	------------	----------------------------------	-------------------	-----

MONGOLIA**2019 June 30 (95th anniv. Mongolian Postage) (Surcharges) (Set/3)**

2910	100t	Purple Tiger Moth, <i>Rhyparia purpurata</i> L. (Sc#1904 surch)	ARC, Arctiinae	A
2911	100t	Marbled White, <i>Melanargia galathea</i> L. (Sc#1908 surch)	NYM, Satyrinae	A
2912	1300t	Magpie Moth, <i>Abraxas grossulariata</i> L. (Sc#1907 surch)	GEO, Ennominae	A

MOROCCO**2018 October 1 (Butterflies) (MS/5)**

1255a	3.75d	Dark Green Fritillary, <i>Speyeria aglaja</i> L.	NYM, Heliconiinae	A
1255b	3.75d	White-lined Sphinx, <i>Hyles lineata</i> L.	SPH, Macroglossinae	A
1255c	3.75d	Checkered White, <i>Pontia protodice</i> Boisduval & LeConte	PIE, Pierinae	A
1255d	3.75d	Spanish Festoon, <i>Zerynthia rumina</i> L.	PAP, Parnassiinae	A
1255e	3.75d	Scarce Swallowtail, <i>Iphiclides podalirius</i> L.	PAP, Papilioninae	A

NAMIBIA	2018 July 18 (Small Felines of Namibia) (Set/4)		
N/A (\$32.10)	Black-footed Cat stalking U/I insect (inscr. "Inland Registration")		U B
PALAU	2000 January 18 (Futuristic Space Probes) (MS/6 & 4ea SS/1)		
This issue honors the Cicada Space Probe project, which was originally sponsored by NASA. The project has held an annual contest since 1994 for school groups to design a space habitat for a long term human colony in space. Prizes are awarded for several age groups from primary school through college. While the set consists of a MS/6 and four SS/1, only one SS shows an insect.			
537	SS \$2	17-Year Cicada, <i>Magicicada septendecim</i> L.	CICA, Cicadettinae B
ST. MARTIN	2019 September 2 (Butterflies) (MS/10)		
a 190c	Acis Hairstreak, <i>Strymon acis</i> Drury	LYC, Theclinae	A
b 190c	Gulf Fritillary, <i>Agraulis vanillae</i> L.	NYM, Heliconiinae	A
c 190c	Long-tailed Skipper, <i>Urbanus proteus</i> L.	HES, Pyrginae	A
d 190c	False Barred Sulfur, <i>Eurema elathea</i> Cramer	PIE, Coliadinae	A
e 190c	Cloudless Sulfur, <i>Phoebis sennae</i> L.	PIE, Coliadinae	A
f 190c	Caribbean Duskywing, <i>Ephyriades arcas</i> Drury	HES, Pyrginae	A
g 190c	Miami Blue, <i>Cyclargus thomasi</i> Clench	LYC, Polyommatainae	A
h 190c	Great Southern White, <i>Ascia monuste</i> L	PIE, Pierinae	A
i 190c	Fiery Broken Dash, <i>Wallengrenia otho</i> ssp. <i>ophites</i> Mabille	HES, Hesperiinae	A
j 190c	Hammock Skipper, <i>Polygonus leo</i> Gmelin	HES, Pyrginae	A
SINGAPORE	2019 August 9 (Singapore Parks) (Set/4)		
N/A 90c	White Tiger, <i>Danaus melanippus</i> Cramer	NYM, Danainae	B
SRI LANKA	2019 October 5 (Wasgamuwa National Park) (Set/6 & 6ea SS/1)		
N/A 12r	Five-bar Swordtail, <i>Graphium antiphates</i> Cramer	PAP, Papilioninae	A
N/A SS 12r	Five-bar Swordtail, <i>Graphium antiphates</i> Cramer	PAP, Papilioninae	A
TAJIKISTAN	2019 July (Mushrooms) (Set/3)		
N/A 3.50s	LL: Blue Morpho, <i>Morpho rhetenor</i> Cramer	NYM, Morphinae	B
	UR: Monarch, <i>Danaus plexippus</i> L.	NYM, Danainae	B
	LR: U/I Butterfly <i>Troides</i> sp.?	PAP, Papilioninae	U B
N/A 4.20s	UL: Monarch, <i>Danaus plexippus</i> L. (colored green!)	NYM, Danainae	B
	Top: U/I Butterfly	Nymphalidae	U B
N/A 5.80s	UL & UR: Monarch, <i>Danaus plexippus</i> L.	NYM, Danainae	B
	Top: U/I Damselfly	Odonata	U B
UKRAINE	2019 July 27 (Mezyn National Park) (MS/5 + label)		
e 8h	Scarlet Tiger Moth, <i>Callimorpha dominula</i> L.	ARC, Arctiinae	A
Beyond the Catalog (Issues of dubious validity)			
CENTRAL AFRICAN REPUBLIC	2019 July 24 (Red Cross Anti-malaria) (MS/4 & SS/1) (CA190504a&b)		
b 850fr	Anopheles sp. (w/ malaria life cycle)	CUL, Anophelinae	U C
c 850fr	Anopheles sp. (w/ bed nets)	CUL, Anophelinae	U B
N/A SS Margin	LL: <i>Anopheles</i> sp.	CUL, Anophelinae	U Z
2019 July 24 (Bee-eaters) (MS/4 & SS/1) (CA190506a&b)			
b 850fr	U/I Dragonfly (in bird's beak)	Odonata	U C
N/A SS Margin	Bot: European Hornet, <i>Vespa crabro</i> L.	VES, Vespinae	Z
2019 July 24 (Bee-eaters) (MS/4 & SS/1) (CA190507a&b)			
a 900fr	Tailed Jay, <i>Graphium agamemnon</i> L.	PAP, Papilioninae	A
b 900fr	Tiger Longwing, <i>Heliconius hecale</i> Fabr.	NYM, Heliconiinae	A
c 900fr	Amber Phantom, <i>Haetera piera</i> L.	NYM, Satyrinae	A

CENTRAL AFRICAN REPUBLIC (continued)

d	900fr	Clipper, <i>Parthenos sylvia</i> Cramer	NYM, Limenitidinae	A
N/A	SS 3600fr	Zebra Swallowtail, <i>Protographium marcellus</i> Cramer	PAP, Papilioninae	A
	Margin	L: Menelaus Blue Morpho, <i>Morpho menelaus</i> L.	NYM, Morphinae	Z

2019 September 24 (World Map) (SS/1) (CA190714b1)

N/A	SS 13000fr	Printed on SILK from Silkworm, <i>Bombyx mori</i> L. (no insect)	Bombycidae	R
-----	------------	--	------------	---

DJIBOUTI**2019 August 27 (Bees) (MS/4 & SS/1) (DJB190511a&b)**

a	250fr	Brown Bumblebee, <i>Bombus lapidarius</i> Scopoli	API, Apinae	A
b	250fr	Eastern Carpenter Bee, <i>Xylocopa virginica</i> L.	API, Xylocopinae	A
c	250fr	Asian Honeybee, <i>Apis cerana</i> Enderlein	API, Apinae	A
d	250fr	Buff-tailed Bumblebee, <i>Bombus terrestris</i> L.	API, Apinae	A
N/A	SS 1000fr	Western Honeybee, <i>Apis mellifera</i> L.	API, Apinae	A
	Margin	R: Little Honeybee, <i>Apis florea</i> Fabr. (swarm on hive)	API, Apinae	Z

2019 August 27 (Scouts) (MS/4 & SS/1) (DJB190518a&b)

d	250fr	Stylized Bee over flower	Apidae	S C
N/A	SS Margin	LR: Stylized Bee over flower	Apidae	S C Z

GUINEA**2019 August 28 (Bees) (MS/4 & SS/1) (GU190314a&b)**

a	12500fr	Blue-banded Bee, <i>Amegilla cingulata</i> Fabr.	API, Apinae	A
b	12500fr	Buff-tailed Bumblebee, <i>Bombus terrestris</i> L.	API, Apinae	A
c	12500fr	Carder Bee, <i>Anthidium florentinum</i> Fabr.	MEG, Megachilinae	A
d	12500fr	Eastern Carpenter Bee, <i>Xylocopa virginica</i> L.	API, Xylocopinae	A
N/A	SS 50000fr	Sugar Bag Bee, <i>Tetragonula carbonaria</i> Smith	API, Apinae	A
	Margin	Top: Western Honeybee, <i>Apis mellifera</i> L.	API, Apinae	Z

GUINEA-BISSAU**2019 July 17 (Red Cross Anti-malaria) (MS/5 & SS/1) (GB190709a&b)**

a	640fr	<i>Anopheles</i> sp.	CUL, Anophelinae	U B
b	640fr	<i>Anopheles</i> sp.	CUL, Anophelinae	U B
	Label	Same species (tiny symbol)	CUL, Anophelinae	U Z
N/A	Margin.	UR: <i>Anopheles</i> sp. (silhouette)	CUL, Anophelinae	U Z
	Label	Same species (symbol)	CUL, Anophelinae	U Z

2019 August 13 (Bee-eaters) (MS/4 & SS/1) (GB190803a&b)

c	800fr	U/I Bee (in bird's beak)	Apidae	U C
d	800fr	U/I Bee (in bird's beak)	Apidae	U C
N/A	SS 3300fr	U/I Bee (in bird's beak)	Apidae	U C

2019 August 13 (Bees) (MS/4 & SS/1) (GB190806a&b)

a	800fr	Gray Mining Bee, <i>Andrena cineraria</i> L.	AND, Andreninae	A
b	800fr	European Wool-carder Bee, <i>Anthidium manicatum</i> L.	MEG, Megachilinae	A
c	800fr	Little Angel Honeybee, <i>Tetragonisca angustula</i> Latreille	API, Apinae	A
d	800fr	Northeast Jandaira Bee, <i>Melipona subnitida</i> Ducke	API, Apinae	A
N/A	SS 3300fr	Buff-tailed Bumblebee, <i>Bombus terrestris</i> L.	API, Apinae	A
	Margin	LL & R: Western Honeybees, <i>Apis mellifera</i> L.	API, Apinae	Z

MALDIVES ISLANDS**2019 June 15 (Butterflies) (MS/4 & SS/1) (MLD190509a&b)**

a	20r	Pale Clouded Yellow, <i>Colias hyale</i> L.	PIE, Coliadinae	A
b	20r	Silver-studded Blue, <i>Plebejus argus</i> L.	LYC, Polyommatinae	A
c	20r	Malachite, <i>Siproeta stelenes</i> L.	NYM, Nymphalinae	A
d	20r	Green Hairstreak, <i>Callophrys rubi</i> L.	LYC, Theclinae	A
N/A	SS 60r	Silver-bordered Fritillary, <i>Clossiana selene</i> D. & S.	NYM, Heliconiinae	A
	Margin	L: Speckled Yellow Moth, <i>Pseudopanthera macularia</i> L.	GEO, Ennominae	Z

MALDIVE ISLANDS (continued) **2019 August 29** (Bee-eaters) (MS/4 & SS/1) (MLD190608a&b)

c	22r	U/I Bee (in bird's beak)	Apidae	U C
N/A	SS 70r	U/I Bee (w/ birds)	Apidae	U C
	Margin	R: U/I Dragonfly (in bird's beak)	Odonata	U B Z

2019 October 3 (Bees) (MS/4 & SS/1) (MLD190704a&b)

a	22r	Japanese Honeybee, <i>Apis cerana</i> ssp. <i>japonica</i> Radeszkowsky	API, Apinae	A
b	22r	L: European Wool-carder Bee, <i>Anthidium manicatum</i> L.	MEG, Megachilinae	B
		R: Blue Mason Bee, <i>Osmia caerulescens</i> L.	MEG, Megachilinae	B
c	22r	L: Buff-tailed Bumblebee, <i>Bombus terrestris</i> L.	API, Apinae	B
		R: Western Honeybee, <i>Apis mellifera</i> L.	API, Apinae	B
d	22r	Violet Carpenter Bee, <i>Xylocopa valga</i> Gerstaecker	API, Xylocopinae	A
	Margin	UR: Buff-tailed Bumblebee, <i>Bombus terrestris</i> L.	API, Apinae	Z
N/A	SS 70r	Western Honeybee, <i>Apis mellifera</i> L.	API, Apinae	A
	Margin	LL, UR, MR: Same species	API, Apinae	Z

MOZAMBIQUE **2019 August 16** (Bees) (MS/4 & SS/1) (MOZ190413a&b)

a	116m	Red-tailed Bumblebee, <i>Bombus lapidarius</i> L.	API, Apinae	A
b	116m	Western Honeybee, <i>Apis mellifera</i> L.	API, Apinae	A
c	116m	Western Honeybee, <i>Apis mellifera</i> L. (w/ beekeeper & hive)	API, Apinae	A
d	116m	Violet Carpenter Bee, <i>Xylocopa violacea</i> L.	API, Xylocopinae	A
N/A	SS 300m	Western Honeybee, <i>Apis mellifera</i> L.	API, Apinae	A
	Margin	<i>Megachile fortis</i> Cresson	MEG, Megachilinae	Z

2019 August 16 (Spiders) (SS/1) (MOZ190414b)

N/A	SS Margin	R: Spider eating U/I Caterpillar in web	Lepidoptera	U Z
-----	-----------	---	-------------	-----

2019 August 16 (210th anniv. Darwin) (MS/4 & SS/1) (MOZ190428a&b)

c	116m	U/I Longwing Butterflies (w/ Darwin portrait)	NYM, Heliconiinae	U C
N/A	SS Margin	L: U/I Longwing Butterflies (w/ Darwin portrait)	NYM, Heliconiinae	U C Z

2019 October 1 (Butterflies) (MS/4 & SS/1) (MOZ190518a&b)

a	116m	Green Hairstreak, <i>Callophrys rubi</i> L.	LYC, Theclinae	A
b	116m	Gulf Fritillary, <i>Agraulis vanillae</i> L.	NYM, Heliconiinae	A
c	116m	White Peacock, <i>Anartia jatrophae</i> Johansson	NYM, Nymphalinae	A
d	116m	Marbled White, <i>Melanargia galathea</i> L.	NYM, Satyrinae	A
N/A	SS 300m	Peacock, <i>Nymphalis io</i> L.	NYM, Nymphalinae	A
	Margin	Bot: Pipevine Swallowtail, <i>Battus philenor</i> L.	PAP, Papilioninae	Z

NIGER **2019 August 24** (Bee-eaters) (MS/4 & SS/1) (NIG190417a&b)

b	800fr	U/I Bee (in bird's beak)	Apidae	U C
N/A	SS Margin	UR: Western Honeybee, <i>Apis mellifera</i> L. (w/ bird)	API, Apinae	C Z

SIERRA LEONE **2019 June 27** (Anti-malaria) (MS/4 & SS/1) (SRL190611a&b)

a	12500le	Stylized <i>Anopheles</i> sp. (in drop of blood)	CUL, Anophelinae	U S
b	12500le	<i>Anopheles</i> sp. (symbol) (boy w/ bed net)	CUL, Anophelinae	U B
c	12500le	<i>Anopheles</i> sp. (symbol) (dusting insecticide)	CUL, Anophelinae	UB
N/A	SS Margin	Stylized <i>Anopheles</i> sp. (in drop of blood)	CUL, Anophelinae	U S Z

2019 July 25 (Bees) (MS/4 & SS/1) (SRL190710a&b)

a	12500le	Brown Bumblebee, <i>Bombus pascuorum</i> Scopoli	API, Apinae	A
b	12500le	Violet Carpenter Bee, <i>Xylocopa violacea</i> L.	API, Xylocopinae	A
c	12500le	Two-spotted Mining Bee, <i>Andrena accepta</i> Viereck	AND, Andreninae	A
d	12500le	Great Banded Furrow Bee, <i>Halictus scabiosae</i> Rossi	HAL, Halictinae	A
	Margin	LL & UR: Western Honeybee, <i>Apis mellifera</i> L.	API, Apinae	Z

SIERRA LEONE (continued)

N/A	SS 50000le	Western Honeybee, <i>Apis mellifera</i> L.	API, Apinae	A
	Margin	UL, LL, UR: Bumblebee, <i>Bombus</i> sp.	API, Apinae	U Z

2019 July 25 (Lizards) (SS/1) (SRL190718b)

N/A	SS Margin:	UL: U/I Bee (in lizard's mouth)	Hymenoptera	U C Z
-----	------------	---------------------------------	-------------	-------

2019 August 30 (Endangered Species) (MS/4 & SS/1) (SRL190806a&b)

a	12500le	Monarch, <i>Danaus plexippus</i> L. (w/ Richard Nixon)	NYM, Danainae	B
N/A	SS Margin	UR: Monarch, <i>Danaus plexippus</i> L.	NYM, Danainae	Z

TOGO**2019 July 5** (Bees) (MS/4 & SS/1) (TG190306a&b)

a	800fr	Tawny Mining Bee, <i>Andrena fulva</i> Mueller	AND, Andreninae	A
b	800fr	Valley Carpenter Bee, <i>Xylocopa varipuncta</i> Patton ♂	API, Xylocopinae	A
c	800fr	Red-tailed Bumblebee, <i>Bombus lapidarius</i> L.	API, Apinae	A
d	800fr	Violet Carpenter Bee, <i>Xylocopa violacea</i> L.	API, Xylocopinae	A
N/A	SS 3300fr	Western Honeybee, <i>Apis mellifera</i> L.	API, Apinae	A
	Margin	UL: Gray-banded Carpenter Bee, <i>Andrena denticulata</i> Kirby	AND, Andreninae	Z

2019 July 5 (Ants) (MS/4 & SS/1) (TG190308a&b)

a	800fr	Giant Forest Ant, <i>Dinomyrmex gigas</i> Latreille. Cap: <i>Camponotus</i>	FOR, Formicinae	A
b	800fr	Field Ant, <i>Lasius niger</i> L.	FOR, Formicinae	A
c	800fr	Red Wood Ant, <i>Formica rufa</i> L.	FOR, Formicinae	A
d	800fr	Weaver Ant, <i>Oecophylla smaragdina</i> Fabr.	FOR, Formicinae	A
	Margin	L: U/I Ant swarm	Formicidae	U Z
N/A	SS 3300fr	Red Wood Ant, <i>Formica rufa</i> L.	FOR, Formicinae	A
	Margin	UL & LL: Same species	FOR, Formicinae	Z
		LR: Black Giant Ant, <i>Camponotus vagus</i> Scopoli	FOR, Formicinae	Z

ANGOLA**2018 December 10** (Butterflies) (Set/4 & SS/1) (ANG18110a&b)

Jose Reis writes: "Today, October 4th, I went to the Philately Department of Angolan Posts and purchased two sets of Butterflies (stamps and MS), issued December 10, 2018. This disproves the belief that these issues are only distributed by Stamperia and never placed for sale in Angola."

I note that Scott has also accepted them as legitimate and assigned them catalog numbers. Each stamp was also issued in MS/10.

1500	300k	Congo Green Swallowtail, <i>Papilio phorcas congoanus</i> Rothschild	PAP, Papilioninae	A
1501	300k	Large Fairy Hairstreak, <i>Hypolycaena antifaunus</i> Westwood	LYC, Theclinae	A
1502	300k	Lesser Blue Charaxes, <i>Charaxes numenes</i> Hewitson	NYM, Charaxinae	A
1503	300k	Green Charaxes, <i>Charaxes eupale</i> Drury	NYM, Charaxinae	A
1560	SS 1200k	Golden Pansy, <i>Junonia sophia</i> Fabr.	NYM, Nymphalinae	A
	Margin	UL: Large Fairy Hairstreak, <i>Hypolycaena antifaunus</i> Westwood	LYC, Theclinae	Z
		LL: Lesser Blue Charaxes, <i>Charaxes numenes</i> Hewitson	NYM, Charaxinae	Z
		UR: Protea Scarlet, <i>Capys alphaeus</i> Cramer	LYC, Theclinae	Z
		LR: Shining Red Charaxes, <i>Charaxes zingha</i> Stoll	NYM, Charaxinae	Z